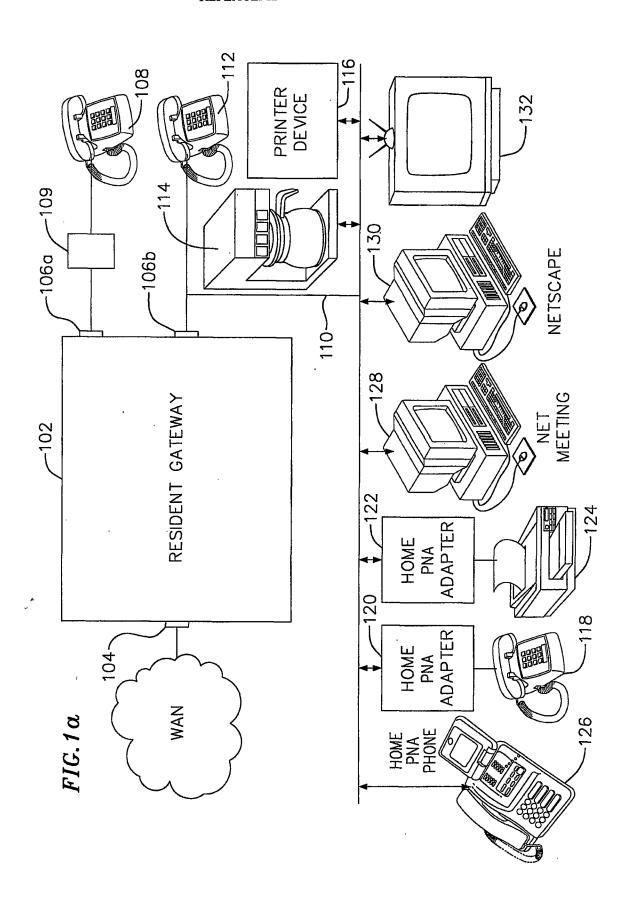
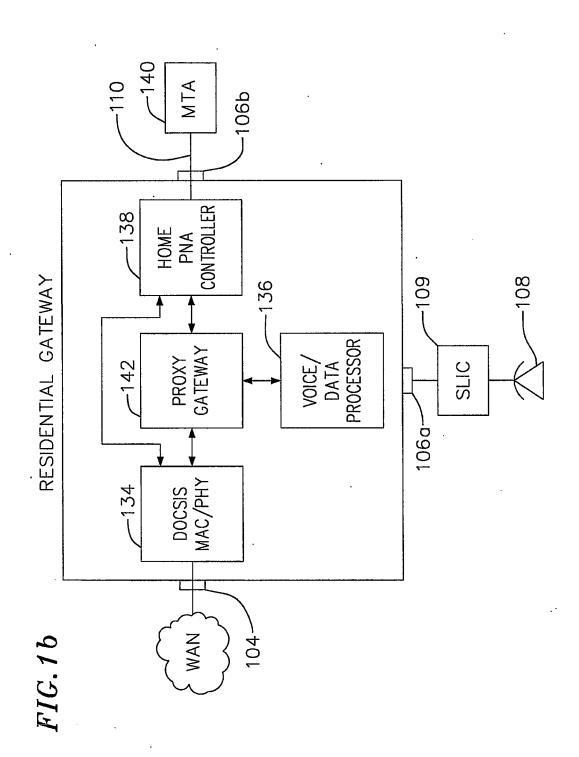
Inventors: RABENKO et al. Appl. No. 09/851,722 Sheet 1 of 24 REPLACEMENT SHEET

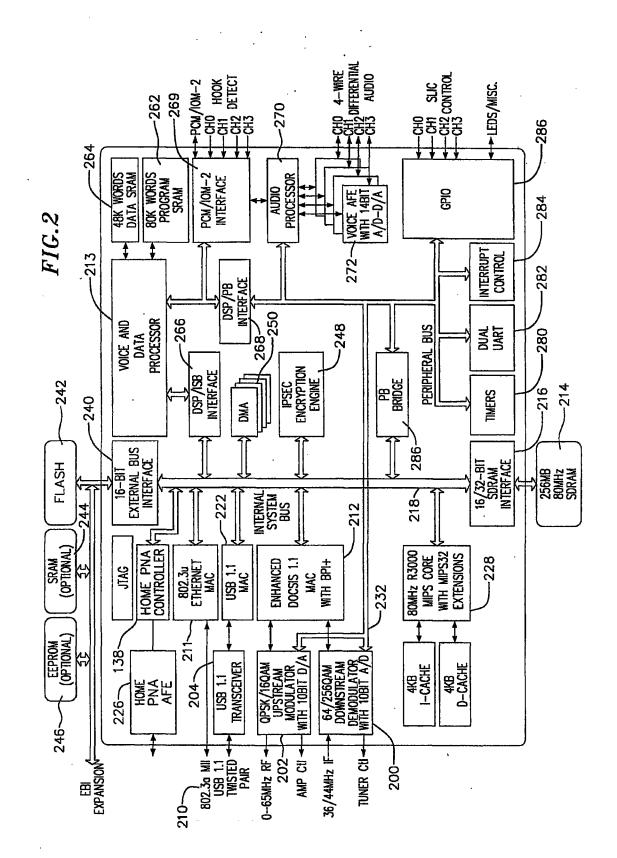


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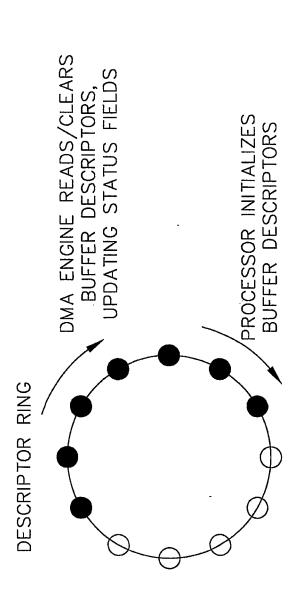
Inventors: RABENKO et al. Appl. No. 09/851,722

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FIG.3



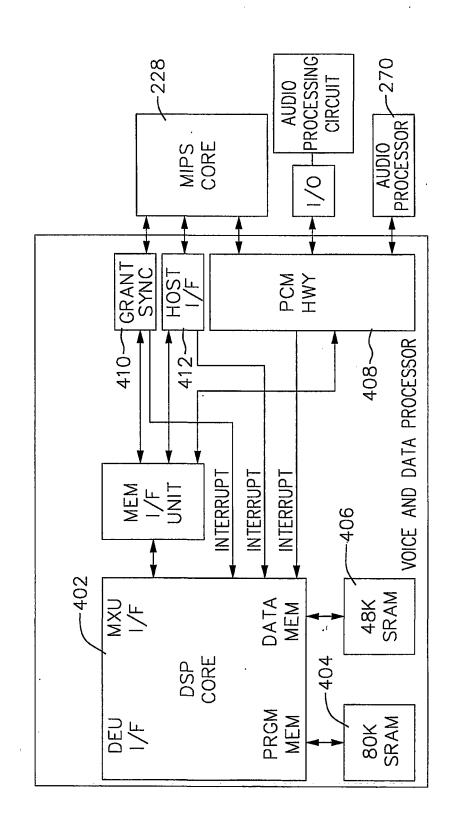
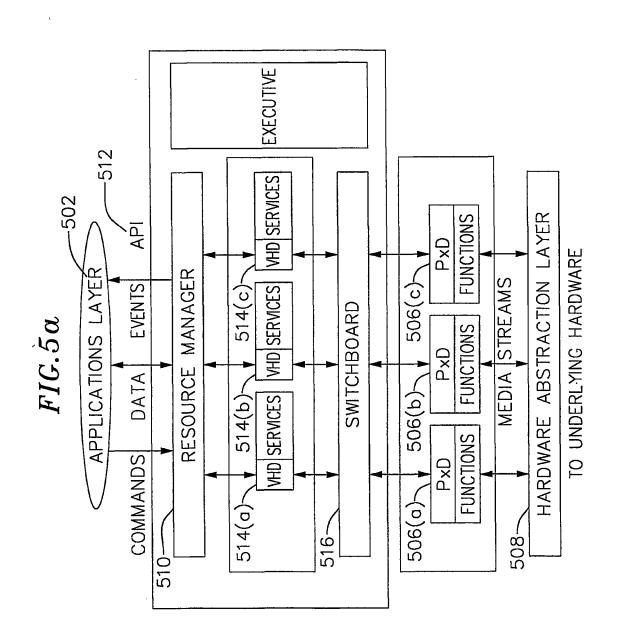
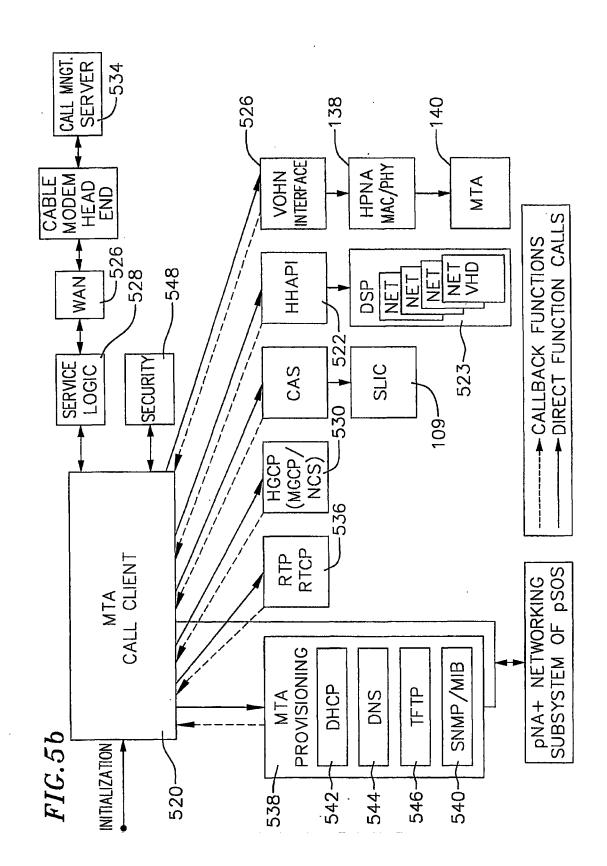


FIG.4

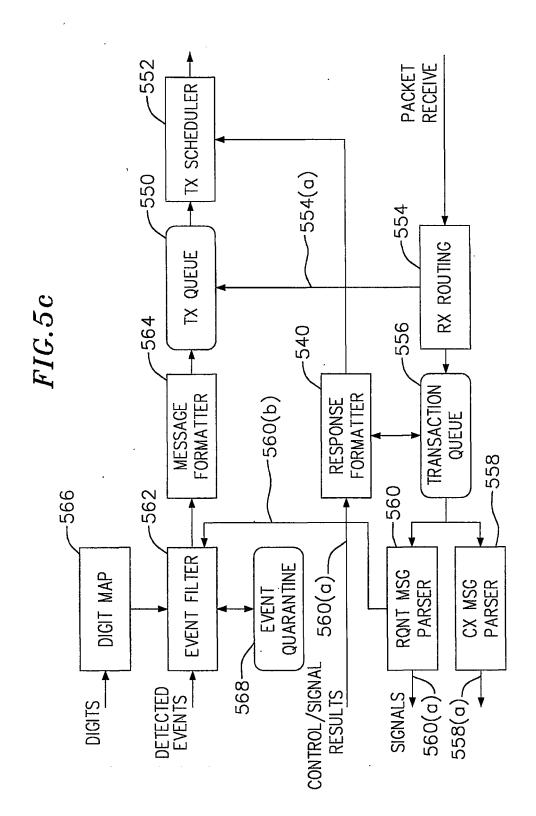
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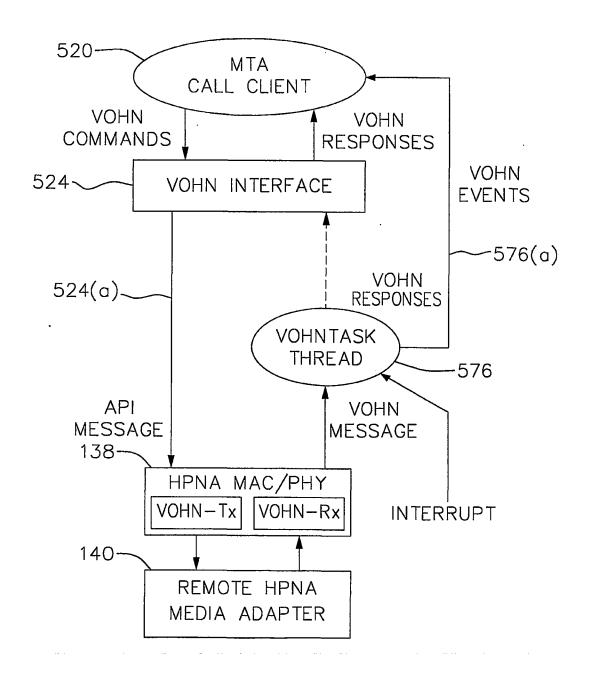
QoS SERVICE LOGIC 528--524 HPNA MAC/PHY VOHN MTA523 -522 HAPI ĎSP 536 MTA CALL CLIENT -572 RTP SHIM 520-RTP PACKET -574 STACK RTP

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FIG.5d

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FIG.5e



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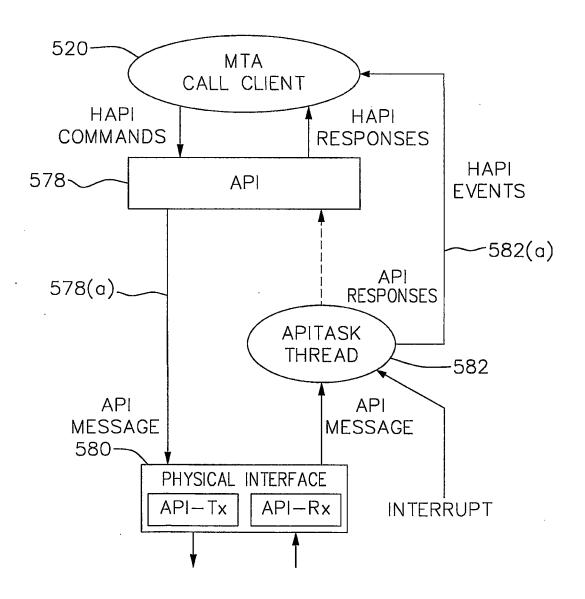
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FIG.5f

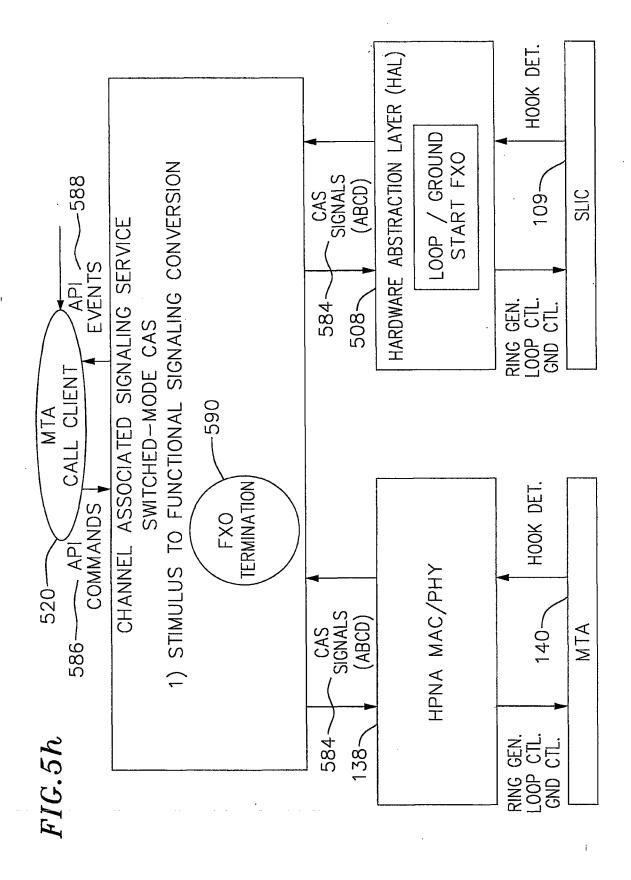
CALL STATE	PROXY GATEWAY	MEDIA ADAPTER
IDLE	CAS: LCF -	·
	-	CAS:LO (ONHOOK)
OFFHOOK		CAS:LC (OFFHOOK)
DIALTONE	CAS: LCF	
DIALING	4-	CAS: LC DIGIT: ON
	CAS: LCF	
	-	CAS: LC DIGIT: OFF
	4	CAS: LC DIGIT: ON
	4-	CAS: LC DIGIT: OFF
WAITING	CAS: LCF	
REMOTE ANSWER	CAS: LCF CPTONE: OFF MODE: G729A	
TALK	CAS: LCF → ► MODE: G729A VOICE: G729A	CAS: LC VOICE: G729A
	*	

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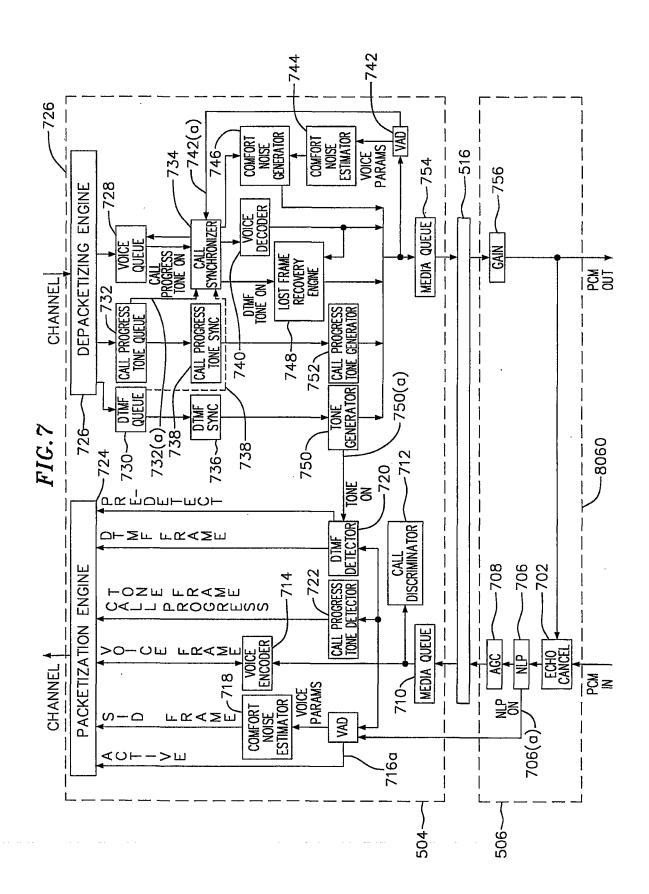
FIG.5g



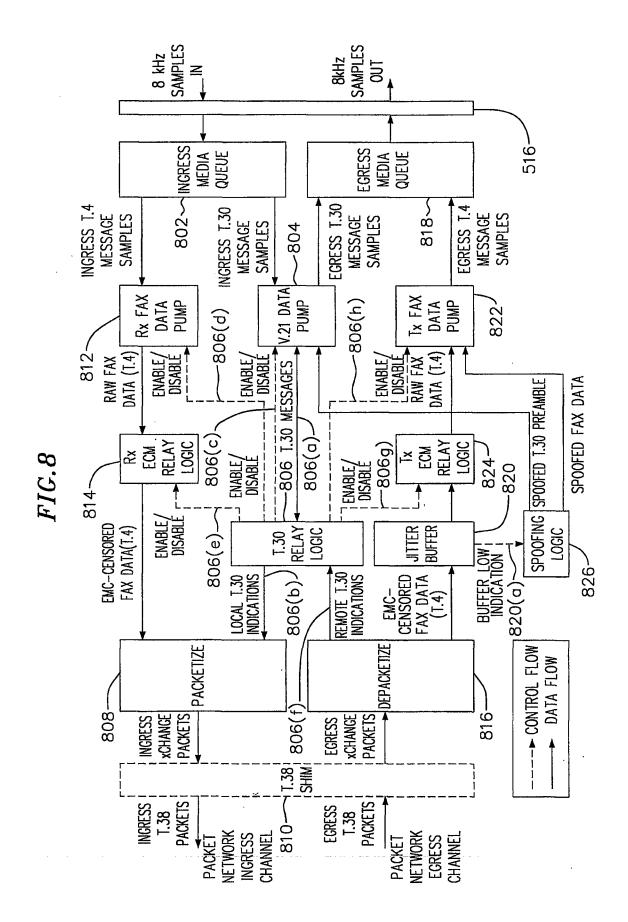
Inventors: RABENKO et al. Appl. No. 09/851,722 Sheet 13 of 24 REPLACEMENT SHEET



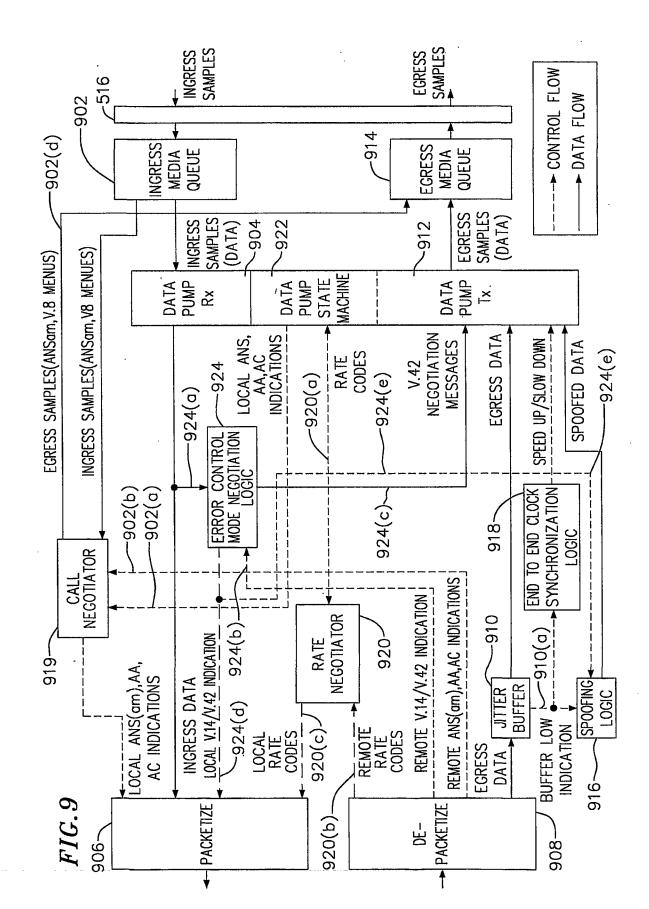
Inventors: RABENKO et al. Appl. No. 09/851,722 Sheet 14 of 24 REPLACEMENT SHEET -608 -620 PACKET MODEM DATA EXCHANGE DATA RELAY MODE DATA EXCHANGE FAX RELAY MODE PACKET FAX 618-FIG.6NETWORK VHD -604 -616 HUMAN SPEECH CALL PACKET TONE EXCHANGE PACKET VOICE VOICEBAND DATA MÖDE VOICE MODE EXCHANGE 602-610-612-614Inventors: RABENKO et al. Appl. No. 09/851,722 Sheet 15 of 24 REPLACEMENT SHEET



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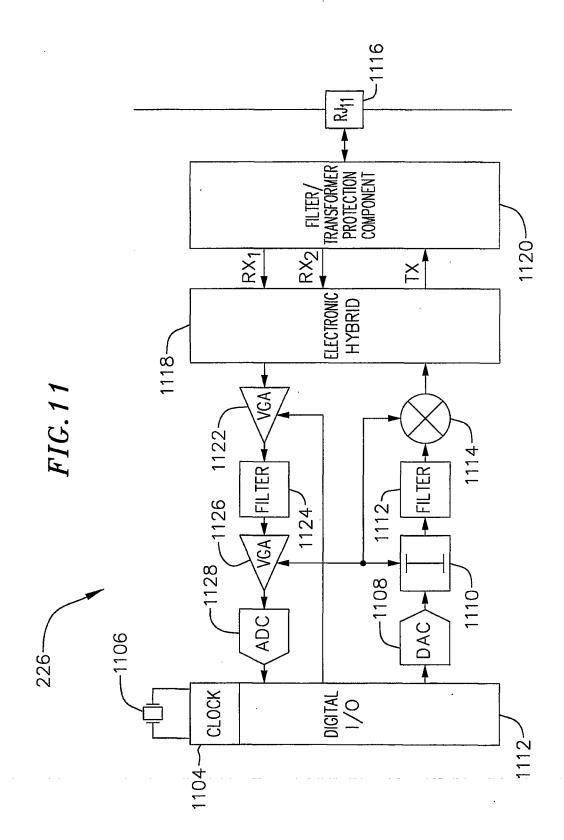


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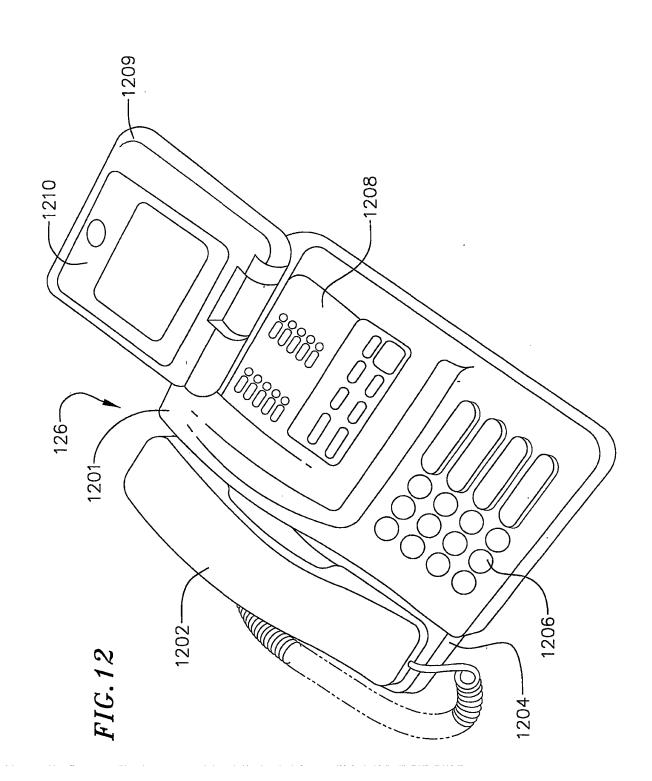
REPLACEMENT SHEET

PΗΥ -1006 V.90 MODEM INTERFACE MAC FIG.10-1014 -1008 -1010 -1016XT S RX FIFO XT F RX FIFO -1002

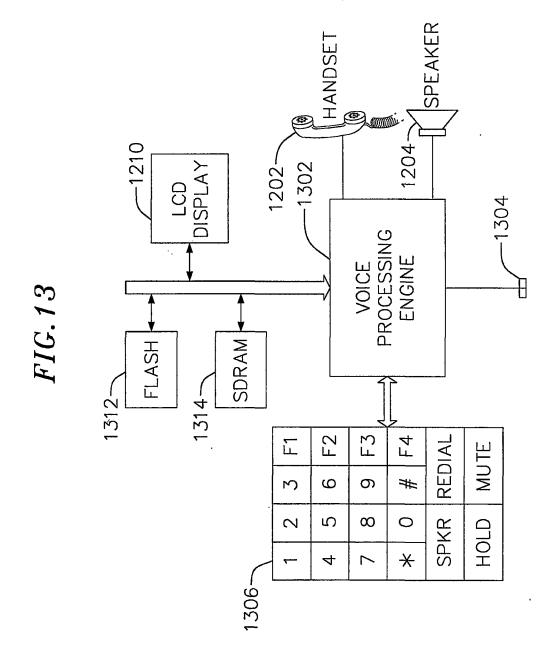
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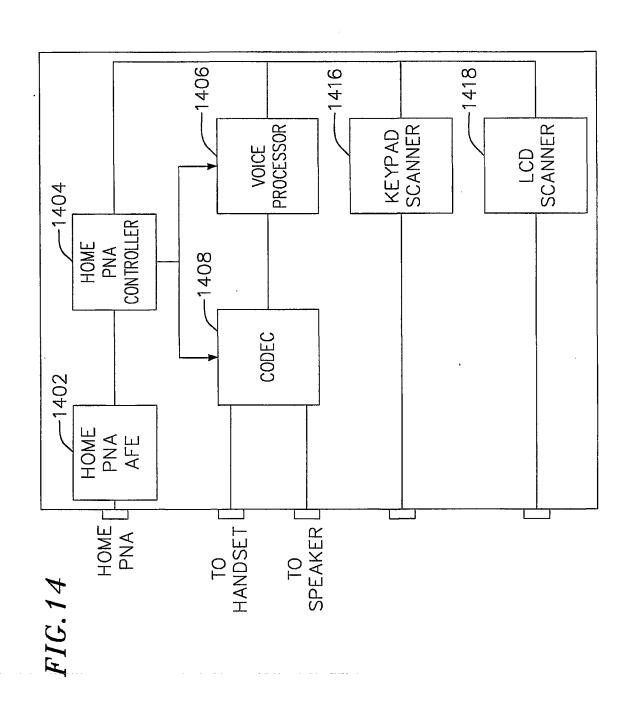
Inventors: RABENKO et al. Appl. No. 09/851,722 Sheet 20 of 24 REPLACEMENT SHEET



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FIG. 15

